

Notice of Allowability

Application No.

10/524,410

Applicant(s)

KIM, JUNG-SOO

Examiner

Art Unit

Camie S. Thompson

1774

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to afterFinal Amendment filed July 27, 2007.
2. ☒ The allowed claim(s) is/are 1-16.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>8/22/2007</u> |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

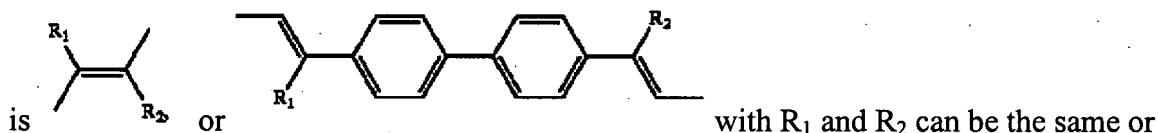
Authorization for this examiner's amendment was given in a telephone interview with Craig McRobbie on August 22, 2007.

The application has been amended as follows:

Claims 4: Delete the phrase "of claim 1".

Claim 5: Delete the phrase "of claim 2".

Delete the period at the end of the claim and insert the phrase - - and wherein the linking group K

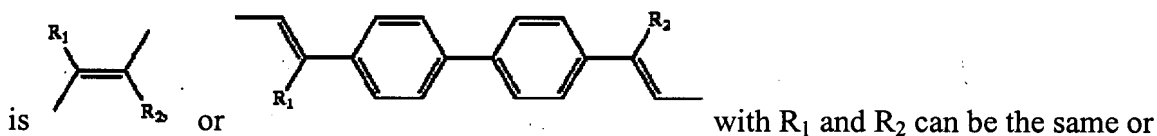


different, and are H, halogen, CN, alkyl, aryl, alkoxy or heteroaryl group containing from 1 to 10 carbon atoms. - - .

Claim 6: Delete the phrase " of claim 1".

Claim 7: Delete the phrase "of claim 2".

Delete the period at the end of the claim and insert the phrase - - and wherein the linking group K



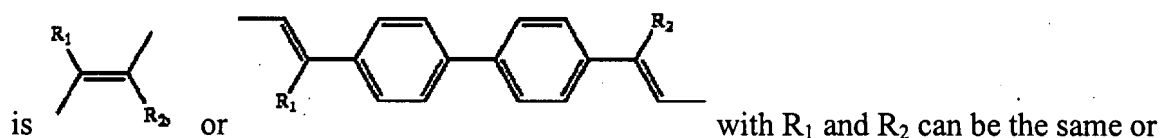
different, and are H, halogen, CN, alkyl, aryl, alkoxy or heteroaryl group containing from 1 to 10 carbon atoms. - - .

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Claim 8: Delete the phrase "of claim 1".

Claim 9: Delete the phrase "of claim 2".

Delete the period at the end of the claim and insert the phrase - - and wherein the linking group K

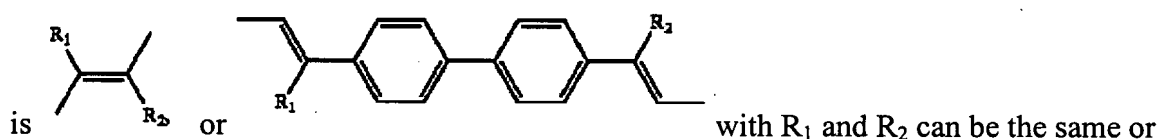


different, and are H, halogen, CN, alkyl, aryl, alkoxy or heteroaryl group containing from 1 to 10 carbon atoms. - - .

Claim 10: Delete the phrase "of claim 1".

Claim 11: Delete the phrase "of claim 2".

Delete the period at the end of the claim and insert the phrase - - and wherein the linking group K

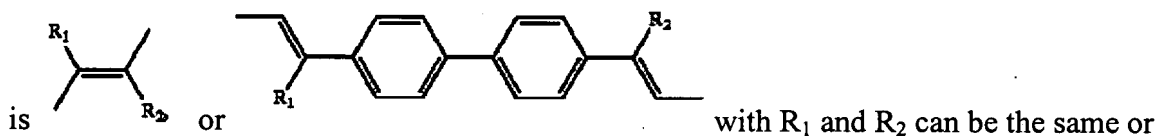


different, and are H, halogen, CN, alkyl, aryl, alkoxy or heteroaryl group containing from 1 to 10 carbon atoms. - - .

Claim 12: Delete the phrase "of claim 1".

Claim 13: Delete the phrase "of claim 2".

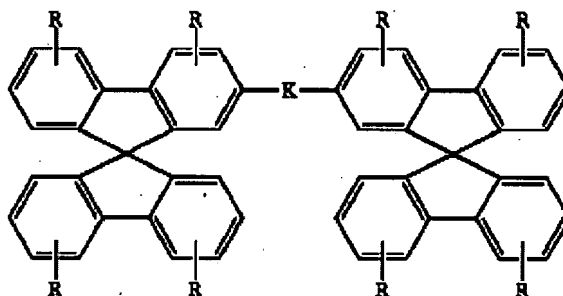
Delete the period at the end of the claim and insert the phrase - - and wherein the linking group K



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different, and are H, halogen, CN, alkyl, aryl, alkoxy or heteroaryl group containing from 1 to 10 carbon atoms. - - .

2. The following is an examiner's statement of reasons for allowance: The prior art does not provide for a luminescent spiro-dimer with the structure



with the linking group K, which is defined in claim 1. Additionally, the prior art does not provide for an organic light emitting device comprising the luminescent spiro-dimer of claim 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communication from the examiner should be directed to Camie S. Thompson whose telephone number is (571) 272-1530. The examiner can normally be reached on Monday through Friday from 7:30 am to 4:00 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rena L Dye, can be reached at (571) 272-3186. The fax phone number for the Group is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



MILTON I. CANO
SUPERVISORY PATENT EXAMINER